

Converting Colors

Hex(EA30E2)

Have a look what the booklet for
Hex(EA30E2) contains.

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Color

Hex(EA30E2)

Conversions

Conversions Part 1

Format	Color
Hex	EA30E2
RGB	234, 48, 226
RGB Percent	92%, 19%, 89%
CMY	0.0824, 0.8118, 0.1137
CMYK	0.00, 0.79, 0.03, 0.08
HSL	303°, 82%, 55%
HSV	303°, 79%, 92%
XYZ	48.7161, 25.0973, 74.2281
YIQ	123.9060, 53.7180, 94.7900

Conversions

Conversions Part 2

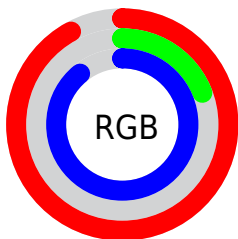
Format	Color
RYB	234, 48, 226
Decimal	15347938
CIELab	57.17, 84.75, -49.87
CIELCh	57, 98.336, 329.529
Yxy	25.0973, 0.3291, 0.1695
Android (android.graphics.Color)	4293538018 (0xFFEA30E2)
YUV	123.9060, 50.3323, 96.5524
Hunter-Lab	50.0972, 85.9088, -52.7809

Details

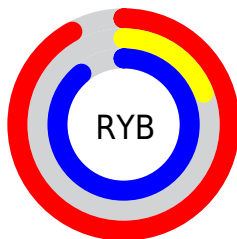
The Hex color **EA30E2** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **30EA38**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **FF75FF**, and **AE00AA** is the 20% darker color. If you saturate the color by 10%, you get **EA19E1**, and if you desaturate by 10%, it is **EA47E3**.

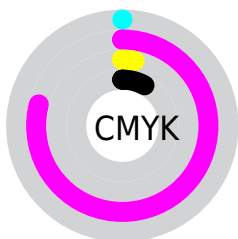
Distribution



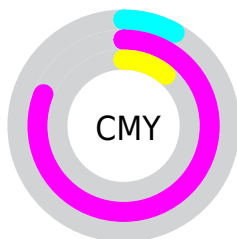
- Red (92%)
- Green (19%)
- Blue (89%)



- Red (92%)
- Yellow (19%)
- Blue (89%)



- Cyan (0%)
- Magenta (79%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (81%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA30E2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color EA30E2 by changing the saturation by 10% instead.

 EA30E2

 EA30E2

FFFFFF

 CC00C6

 FF75FF

 AE00AA

 FF93FF

 90008F

 FFB1FF

 730075

 FFD0FF

 56005B

 FFE0FF

 3B0043

 1C002C

 000116

 000000

 EA30E2

 EA30E2

 EA19E1

 EA47E3

 EA01E0

 EA5FE4

 EA00E0

 EA76E5

 EA8EE6

 EAA5E7

 EABCE8

 EAD4E9

 EAEBEA

 EAFFEB

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6E72FF



EA30E2



FF008F

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



EA30E2



A88600



00ACDD

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



EA30E2



30EA38

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00AB85



EA30E2



4F9C00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



EA30E2



E85E00



00A624



00A7FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



EA30E2



FF0057



00A624



00ACC1

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



EA30E2



FFC2FC



3630EA



805B7E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



EA30E2



FF0DF5



EA3087



756A75



B500AD



360033

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



EA30E2



FF0DF5



30EA93



756A75



B500AD



360033

Previews

White Background



This preview shows how the Hex color EA30E2 looks on a white background.

Color Contrast Check

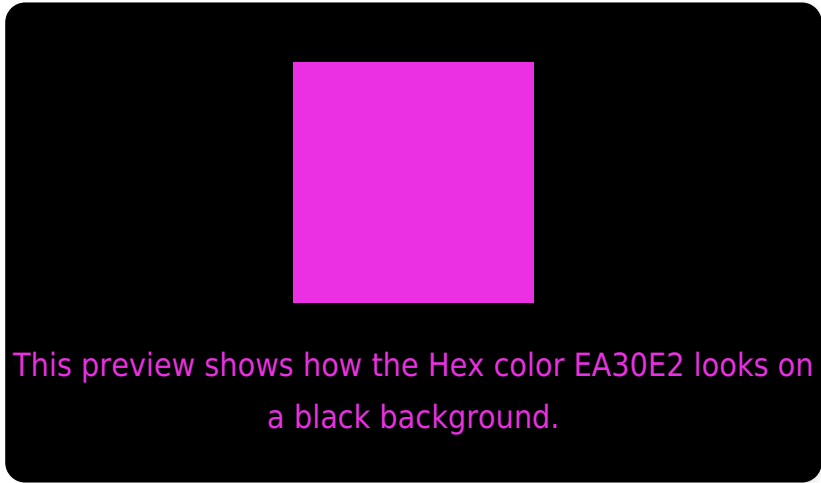
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex EA30E2 Background



This preview shows how black text looks on a background with the Hex color EA30E2.

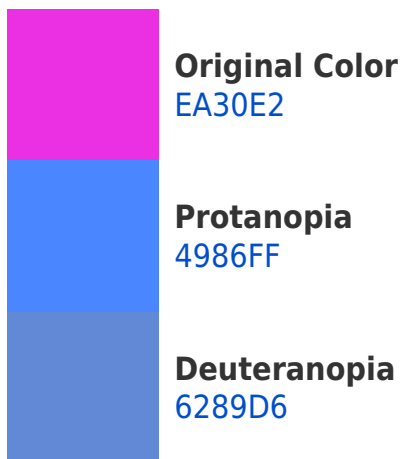



This preview shows how white text looks on a background with the Hex color EA30E2.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
DD6168

Trichromacy



Original Color
EA30E2



Protanomaly
8467F4



Deuteranomaly
9369DA



Tritanomaly
E24F94

Monochromacy



Original Color
EA30E2



Achromatopsia
7C7C7C



Achromatomaly
A460A1

CSS Examples

Text

The CSS property to change the color of the text to Hex EA30E2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #EA30E2 looks like.

```
.text, #text, p{  
    color:#EA30E2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #EA30E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA30E2
}
```

Border

The CSS property to change the border of an element to Hex EA30E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA30E2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#EA30E2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #EA30E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA30E2; -webkit-box-shadow:4px 4px  
4px 4px #EA30E2; box-shadow:4px 4px 4px  
4px #EA30E2 }
```

Background

The CSS property to change the background color of an element to Hex EA30E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA30E2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#EA30E2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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